



SL1: System Upgrade Assessment PowerPack Release Notes

Version 100

Overview

Version 100 of the "SL1: System Upgrade Assessment" PowerPack introduces improved report tools that identifies which PowerPacks will need to be rebuilt before upgrading to a newer SL1 version. The "SL1: System Upgrade Assessment" PowerPack will replace the "Python Assessment Tool". You can still utilize the "Python Assessment Tool" report in the "SL1: System Upgrade Assessment" PowerPack.

- **Minimum Required Platform Version:** 11.3.0

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Before You Install or Upgrade

Ensure that you are running version 11.3.0 or later of SL1, and have uninstalled the "Python Assessment Tool" PowerPack before installing the "System Upgrade Assessment" PowerPack version 100.

TIP: This PowerPack will not export from SL1 versions 11.1 and above.

Installation and Upgrade Process

To install the "SL1: System Upgrade Assessment" PowerPack for the first time, perform the following steps:

NOTE: If you are currently using the Dynamic Applications in this PowerPack to monitor devices, collection errors might occur for one or two polling cycles during the installation of a new version. To prevent collection errors during an upgrade, you can optionally disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

To install this PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page (Product Downloads > PowerPacks & SyncPacks) at the [ScienceLogic Support Site](#).
2. In SL1, go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the **Actions** menu and choose *Import PowerPack*. The **Import PowerPack** modal appears.
4. Click **[Browse]** and navigate to the PowerPack file from step 1.
5. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
6. Click **[Install]**. The PowerPack is added to the **PowerPack Manager** page.

Features

The "SL1: System Upgrade Assessment" PowerPack version 100 includes the following features:

- A "Python Assessment Tool" report tool that identifies which PowerPacks will need to be rebuilt before upgrading to a newer SL1 version.
- A "PowerPack Encryption Validation" report tool that identifies which PowerPacks need to be rebuilt before upgrading SL1 to version 12.2.2 or above.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 100 of the "SL1: System Upgrade Assessment" PowerPack:

- Added two report tools to the "SL1: System Upgrade Assessment" PowerPack:
 - **Python Assessment Tool**, which identifies and reports PowerPacks that need to be rebuilt before upgrading to a newer SL1 version.
 - **PowerPack Encryption Validation**, which identifies and reports PowerPacks that need to be rebuilt before upgrading to SL1 version 12.3.0 or later.
- The "SL1: System Upgrade Assessment Python 2 Verification" run book automation (RBA) no longer includes Internal Collection Dynamic Applications (ICDA).
- Resolved an issue where the "SL1: System Upgrade Assessment Python 2 Verification" run book automation (RBA) was incorrectly identifying Dynamic Applications aligned to execution environments as Python2 Dynamic Applications.

- Resolved an issue where the "SL1: System Upgrade Assessment" PowerPack was using an incorrect version of the "silo-apps" library.

Using the PowerPack Encryption Validation Report

The "PowerPack Encryption Validation Report" tool identifies and reports PowerPacks that need to be rebuilt before upgrading to SL1 version 12.3.0 or above.

If your SL1 instance contains PowerPacks that do not use the new encryption method required in SL1 version 12.3.0 and later, the upgrade to 12.3.0 will fail with messages about PowerPack Encryption failures.

A check was added to ensure PowerPacks are using the new encryption model required in version 12.3.0 and later, as the previous encryption code was removed from SL1 in 12.3.0. The upgrade to 12.3.0 will fail if any PowerPacks using the old encryption model are installed in that SL1 instance. Otherwise, an unconverted PowerPack will have its license switched to Read Only and will not be recoverable to a writeable state after 12.3.0 is installed.

Before you begin the upgrade process, complete the following steps:

1. Download and install the "SL1: System Upgrade Assessment" PowerPack on the SL1 system you are upgrading.
2. Generate the "PowerPack Encryption Validation" report (Reports > Run Report > System Upgrade Assessment > PowerPack Encryption Validation). The report will identify all of the PowerPacks that are impacted.
3. Open each PowerPack from the report and save it, then click **Build / Export > Create a New Build > Build**. This process updates the encryption model for the PowerPack to the new version.

TIP: As a best practice, you should download the updated PowerPacks, but you do *not* need to import the updated PowerPacks to your existing SL1 system before you upgrade to 12.3.0.

Known Issues

There are no known issues that affect version 100 of the "SL1: System Upgrade Assessment" PowerPack.

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